STATE OF SOUTH CAROLINA)
)
(Caption of Case))
)
)
Monthly Fuel Cost Report and Base Load Power Plant Performance Report)
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BEFORE THE PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA

COVER SHEET

DOCKET NUMBER: 1989 - 9 - E

(Please type or print)

Submitted by: Catherine E. Heigel
SC Bar Number: 9268
Address: Duke Energy Corporation
PO Box 1006/ EC03T
Charlotte, NC 28201-1006
Telephone: 704.382.8123
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Other:
Email: Catherine.Heigel@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ **Emergency Relief demanded in petition** ☐ **Request for item to be placed on Commission's Agenda expeditiously**

☐ **Other:**

INDUSTRY (Check one)

- ☒ Electric
- ☐ Electric/Gas
- ☐ Electric/Telecommunications
- ☐ Electric/Water
- ☐ Electric/Water/Telecom.
- ☐ Electric/Water/Sewer
- ☐ Gas
- ☐ Railroad
- ☐ Sewer
- ☐ Telecommunications
- ☐ Transportation
- ☐ Water
- ☐ Water/Sewer
- ☐ Administrative Matter
- ☐ Other:

NATURE OF ACTION (Check all that apply)

- ☐ Affidavit
- ☐ Agreement
- ☐ Answer
- ☐ Appellate Review
- ☐ Application
- ☐ Brief
- ☐ Certificate
- ☐ Comments
- ☐ Complaint
- ☐ Consent Order
- ☐ Discovery
- ☐ Exhibit
- ☐ Expedited Consideration
- ☐ Interconnection Agreement
- ☐ Interconnection Amendment
- ☐ Late-Filed Exhibit
- ☐ Letter
- ☐ Memorandum
- ☐ Motion
- ☐ Objection
- ☐ Petition
- ☐ Petition for Reconsideration
- ☐ Petition for Rulemaking
- ☐ Petition for Rule to Show Cause
- ☐ Petition to Intervene
- ☐ Petition to Intervene Out of Time
- ☐ Prefiled Testimony
- ☐ Promotion
- ☐ Proposed Order
- ☐ Protest
- ☐ Publisher's Affidavit
- ☒ Report
- ☐ Request
- ☐ Request for Certificatio
- ☐ Request for Investigatior
- ☐ Resale Agreement
- ☐ Resale Amendment
- ☐ Reservation Letter
- ☐ Response
- ☐ Response to Discovery
- ☐ Return to Petition
- ☐ Stipulation
- ☐ Subpoena
- ☐ Tariff
- ☐ Other:

Duke Energy®
Carolinas

DUKE ENERGY CAROLINAS, LLC
526 South Church St.
Charlotte, NC 28202

Mailing Address:
EC03T / PO Box 1006
Charlotte, NC 28201-1006

CATHERINE E. HEIGEL
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November 3, 2009

Charles L. A. Terreni, Esquire
Chief Clerk and Administrator
The Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

Re: Docket No. 1989-9-E

Dear Mr. Terreni:

Pursuant to the Commission's Orders in the above-captioned docket, enclosed for filing are copies of the following for Duke Energy Carolinas, LLC ("the Company"):

1. Monthly Fuel Cost Report for September 2009 (Exhibit A); and

2. Base Load Power Plant Performance Report for September 2009 (Exhibit B).

If you have any questions regarding this matter, please call me.

Sincerely,

Catherine E. Heigel

Catherine E. Heigel

/sch

Enclosures

Copy: Office of Regulatory Staff
Dan Arnett, Chief of Staff
John Flitter
Jeff Nelson

South Carolina Energy Users Committee
Scott Elliott, Esquire

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2008)

Line No.	Fuel Expenses:	September 2009
1	Fuel and fuel-related costs	$ 130,806,648
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	566,523
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 130,240,125
	MWH sales:	
4	Total system sales.	7,012,868
5	Less intersystem sales	13,784
6	Total sales less intersystem sales	6,999,084
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	1.8608
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	2.2479
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	2,700,021
10	Fuel Oil	(481)
11	Natural Gas	56,800
12	Total fossil	2,756,340
13	Nuclear 100%	4,351,780
14	Hydro - Conventional	115,338
15	Hydro - Pumped storage	(43,555)
16	Total hydro	71,783
17	Total MWH generation	7,179,903
18	Less joint owners' portion	1,339,422
19	Adjusted total MWH generation	5,840,481

(a) Line 2 includes:

Fuel from intersystem sales (Schedule 3)	$ 557,035
Fuel in loss compensation	9,488
Total fuel recovered from intersystem sales	$ 566,523

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2008)

Fuel and fuel-related costs:	September 2009
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 95,742,412
0501222, 0501223 biomass/test fuel consumed	73,129
0501310 fuel oil consumed - steam	368,055
0501330 fuel oil light-off - steam	515,222
Total Steam Generation - Account 501	96,698,818
Environmental Costs	
0509000, 0557451 emission allowance expense	53,562
0502020, 030, 040 reagents expense	2,142,411
Emission allowance gains	(3,839,100)
Total Environmental Costs	(1,643,127)
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	16,523,151
0518600 nuclear fuel disposal cost	4,080,559
Total Nuclear Generation - 100%	20,603,710
Less joint owners' portion	6,105,724
Total Nuclear Generation - Account 518	14,497,986
Other Generation - FERC Account 547	
0547100 natural gas consumed	2,925,588
0547200 fuel oil consumed - CT	19,698
Total Other Generation - Account 547	2,945,286
Total fossil and nuclear fuel expenses included in base fuel component	112,498,963
Fuel related component of purchased and interchange power per Schedule 3, pages 1 and 2	12,096,160
Fuel related component of purchased power (economic accrual)	6,211,525
Total fuel and fuel-related costs	$ 130,806,648

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2008)

Other fuel expenses not included in fuel and fuel-related costs:	September 2009
Net proceeds from sale of by-products	$ 63,980
0501223 biomass avoided fuel cost excess	5,303
0518610 spent fuel canisters-accrual	159,772
0518620 canister design expense	14,693
0518700 fuel cycle study costs	61,619
Non-fuel component of purchased and interchanged power	8,402,596
Total other fuel expenses not included in fuel and fuel-related costs:	$ 8,707,963

Total FERC Account 501 - Total Steam Generation	96,704,121
Total FERC Account 518 - Total Nuclear Generation	14,734,070
Total FERC Account 547 - Other Generation	2,945,286
Total Reagents Expense	2,142,411
Total Gain/Loss from Sale of By-Products	63,980
Total Emission Allowance Expense	53,562
Total Gain/Loss from Sale of Emission Allowances	(3,839,100)
Total Purchased and Interchanged Power Expenses	26,710,281
Total Fuel, Fuel Related and Purchased Power Expenses	$ 139,514,611

Exhibit A
Schedule 3
SC, Purchases, Month
Page 1 of 3

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
SEPTEMBER 2009

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Blue Ridge Electric Membership Corp.	2,481,723	86	894,590	52,281	968,150	618,983
Cargill Power Marketers LLC	303,256	-	-	11,254	184,986	118,270
City of Kings Mtn	8,979	3	8,979	-	-	-
Cobb Electric Membership Corp.	135,200	-	-	4,800	82,472	52,728
ConocoPhillips Company	16,800	-	-	600	10,248	6,552
Constellation	1,367,930	-	-	46,454	834,438	533,492
Eagle Energy Partners	13,831	-	-	-	13,831	-
Haywood Electric	435,331	20	200,435	8,206	143,286	91,610
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	(15)	-	-	-	(9)	(6)
Morgan Stanley Capital Group	736,000	-	-	24,000	448,960	287,040
NCEMC load following	2,514	-	-	251	1,143	1,371
NCMPA #1	3,534,060	-	-	99,027	1,322,115	2,211,945
Piedmont Electric Membership Corp.	1,274,531	42	522,796	28,787	458,559	293,176
PJM Interconnection LLC	5,103,003	-	-	162,116	3,112,832	1,990,171
Progress Energy Carolinas	43,100	-	-	2,800	28,830	14,270
Rutherford Electric Membership Corp.	33,641	-	-	1,385	20,521	13,120
Southern	50,185	-	-	2,789	30,613	19,572
SPCO - Rowan	2,416,607	456	1,359,984	58,226	1,014,440	42,183
The Energy Authority	420,323	-	-	14,983	256,397	163,926
Town of Dallas	584	-	584	-	-	-
Town of Forest City	21,024	7	21,024	-	-	-
Williams Energy Marketing	1,752	-	-	-	1,752	-
Generation Imbalance	228,168	-	-	5,952	137,490	90,678
Energy Imbalance	87,320	-	-	796	78,389	8,931
	$ 18,735,119	621	$ 3,027,664	522,707	$ 9,149,443	$ 6,558,012

Exhibit A
Schedule 3
SC, Purchases, Month
Page 2 of 3

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
SEPTEMBER 2009

Purchased Power	Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
Advantage Investment Group, LLC	1,435	-	-	19	-	1,435
AKS Real Estate Holdings LLC	25	-	-	-	-	25
Alamance Hydro, LLC	8	-	-	-	-	8
Andrews Truss, Inc.	95	-	-	1	-	95
Anna L Reilly	54	-	-	1	-	54
Aquenergy Corp.	7,017	-	-	129	-	7,017
Bruce Marotta	38	-	-	-	-	38
Byron P Matthews	23	-	-	-	-	23
Catawba County	41,960	-	-	1,163	-	41,960
Cherokee County	4,556,276	-	1,354,352	60,007	1,694,949	1,506,975
Cliffside Mills LLC	5,701	-	-	78	-	5,701
Converse Energy	2,603	-	-	41	-	2,603
Dave K Birkhead	20	-	-	-	-	20
David A Ringenburg	37	-	-	1	-	37
David E. Shi	33	-	-	-	-	33
David M Thomas	67	-	-	1	-	67
David Wiener	22	-	-	-	-	22
Decision Support	586	-	-	5	-	586
Delta Products Corp.	298	-	-	3	-	298
Diann M. Barbacci	24	-	-	-	-	24
Fogleman Construction, Inc	31	-	-	-	-	31
Frances L. Thomson	55	-	-	1	-	55
Gerald Priebe	69	-	-	1	-	69
Gerald W. Meisner	62	-	-	1	-	62
Greenville Gas Producer, LLC	122,783	-	-	2,159	106,012	16,771
Gwenyth T Reid	43	-	-	1	-	43
Haneline Power, LLC	4,307	-	-	53	-	4,307
Haw River Hydro Co	4,398	-	-	135	-	4,398
Hayden-Harman Foundation	22	-	-	-	-	22
Hendrik J Rodenburg	34	-	-	-	-	34
Henry Jay Becker	27	-	-	-	-	27
HMS Holdings Limited Partnership	307	-	-	5	-	307
Holzworth Holdings	22	-	-	-	-	22
Innovative Solar Solutions	43	-	-	1	-	43
Jafasa Farms	85	-	-	1	-	85
James B Sherman	37	-	-	-	-	37
James L Johnson	30	-	-	-	-	30
Jeffery Lynn Pardue	113	-	-	1	-	113
Jerome Levit	18	-	-	-	-	18
Jody Fine	18	-	-	-	-	18
Joel L. Hager	39	-	-	1	-	39
John B Robbins	97	-	-	1	-	97
John H. Diliberti	106	-	-	1	-	106
Linda Alexander	21	-	-	-	-	21
Mark A Powers	18	-	-	-	-	18
Matthew T. Ewers	23	-	-	-	-	23
Mayo Hydro	9,275	-	-	218	-	9,275
Megawatt Solar Inc	9	-	-	-	-	9
Mill Shoals Hydro	370	-	-	7	-	370
Northbrook Carolina Hydro	50,705	-	-	724	-	50,705
Optima Engineering	95	-	-	1	-	95
Paul G. Keller	36	-	-	1	-	36
Pelzer Hydro Co.	17,283	-	-	261	-	17,283
Phillip B. Caldwell	36	-	-	-	-	36
Pickins Mill Hydro LLC	5,770	-	-	75	-	5,770
Pippin Home Designs, Inc	21	-	-	-	-	21
PRS-PK Engines, LLC	175	-	-	3	-	175
R Lawrence Ashe Jr	49	-	-	1	-	49
Rajah Y Chacko	27	-	-	-	-	27
Ramona L Sherwood	43	-	-	1	-	43
Ron B Rozzelle	51	-	-	1	-	51
Rousch & Yates Racing Engines, LLC	378	-	-	8	-	378
Salem Energy Systems	101,442	-	-	2,187	-	101,442
Shawn Slome	14	-	-	-	-	14
South Yadkin Power	3,085	-	-	37	-	3,085
Spray Cotton Mills	12,488	-	-	311	-	12,488
Steven Graf	52	-	-	1	-	52
Strates Inc	71	-	-	1	-	71
Sun Capital, Inc	248	-	-	3	-	248
T.S. Designs, Inc.	101	-	-	1	-	101
The Rocket Shop, LLC	22	-	-	-	-	22
Thomas Knox Worde	27	-	-	-	-	27
Thomas W Bates	36	-	-	1	-	36
Town of Chapel Hill	38	-	-	1	-	38
Town of Lake Lure	12,757	-	-	368	-	12,757
W. Jefferson Holt	100	-	-	1	-	100
William Terry Baker	34	-	-	-	-	34
Yves Naar	41	-	-	-	-	41
Energy Imbalance	(52,991)	-	-	-	(328,576)	275,585
	$ 4,911,018	-	$ 1,354,352	68,022	$ 1,472,385	$ 2,084,281
TOTAL PURCHASED POWER	$ 23,646,137	621	$ 4,382,016	590,729	$ 10,621,828	$ 8,642,293
INTERCHANGES IN						
Other Catawba Joint Owners	6,487,473	-	-	675,083	3,038,220	3,449,253
Total Interchanges In	6,487,473	-	-	675,083	3,038,220	3,449,253
INTERCHANGES OUT						
Other Catawba Joint Owners	(3,423,329)	(866)	(129,880)	(347,531)	(1,563,888)	(1,729,561)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	(3,423,329)	(866)	(129,880)	(347,531)	(1,563,888)	(1,729,561)
Net Purchases and Interchange Power before PCL	26,710,281	(245)	4,252,136	918,281	12,096,160	10,361,985
Purchased Capacity Levelization	(1,903,679)	-	(1,903,679)	-	-	-
Net Purchases and Interchange Power after PCL	24,806,602	(245)	2,348,457	918,281	12,096,160	10,361,985

Exhibit A
Schedule 3
SC, Sales, Month
Page 3 of 3

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA FUEL FILING
SEPTEMBER 2009

SALES	TOTAL CHARGES	CAPACITY MW	CAPACITY $	ENERGY MWH	ENERGY FUEL $	ENERGY NON-FUEL $
Utilities:						
Progress Energy Carolinas - Emergency	$ 8,479	-	$ -	157	$ 6,119	$ 2,360
SC Public Service Authority - Emergency	1	-	-	-	-	1
Market Based:						
Cobb Electric Membership Corp	82,076	-	-	4,212	-	82,076
Columbia Energy	1	-	-	-	-	1
MISO	(3,148)	-	-	(75)	-	(3,148)
NCEMC (Generator/Instantaneous)	514,481	50	337,500	3,500	141,015	35,966
NCMPA #1	143,000	50	211,000	(3,957)	10,151	(78,151)
NCMPA #1 - Rockingham	349,146	50	157,500	5,650	246,303	(54,657)
Oglethorpe	7,200	-	-	150	6,817	383
PJM Interconnection LLC	42,894	-	-	1,362	16,434	26,460
Progress Energy Carolinas	-	-	-	-	7,126	(7,126)
Southern	600	-	-	200	7,924	(7,324)
The Energy Authority	60,495	-	-	1,183	53,009	7,486
Other:						
Generation Imbalance	75,647	-	-	1,402	62,137	13,510
BPM Transmission	(21,436)	-	-	-	-	(21,436)
	$ 1,259,436	150	$ 706,000	13,784	$ 557,035	$ (3,599)

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
September 2009
SC Code Ann. §58-27-865 (Supp. 2008)

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	561,612,395	519,501,596	711,206,023	1,792,320,014
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	2.2317	2.2317	2.2317	2.2317
3	Billed base fuel expense	L1 * L2 /100	$12,533,504	$11,593,717	$15,871,985	$39,999,206
4	Incurred base fuel rate (¢/kWh)	Input	1.7957	1.7957	1.7957	1.7957
5	Incurred base fuel expense	L1 * L4 / 100	$10,084,874	$9,328,690	$12,771,127	$32,184,691
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.4360	0.4360	0.4360	0.4360
7	Base fuel over/(under) recovery	L1 * L6 / 100	**$2,448,630**	**$2,265,027**	**$3,100,858**	**$7,814,515**
	7a Prior period adjustment expense _/1	Input	($11,661)	($9,715)	($13,033)	($34,409)
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0222	0.0184	0.0098	0.0162
9	Billed environmental expense	L8 * L1 / 100	$124,678	$95,588	$69,698	$289,964
10	Incurred rate by class (¢/kWh)	Input	(0.0300)	(0.0252)	(0.0174)	(0.0236)
11	Incurred environmental expense	L10 * L1 / 100	($168,468)	($130,717)	($123,653)	($422,838)
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0522	0.0436	0.0272	0.0398
13	Environmental over/(under) recovery	L9 - L11	**$293,146**	**$226,305**	**$193,351**	**$712,802**
	13a Prior period adjustment expense _/1	Input				$0
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	31.33%	28.98%	39.68%	100.00%
15	Economic purchase accrual	L15T * L14	**($498,458)**	**($461,083)**	**($631,230)**	**($1,590,771)**
	15a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**$2,243,318**	**$2,030,249**	**$2,662,979**	**$6,936,546**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**$2,231,657**	**$2,020,534**	**$2,649,946**	**$6,902,137**

		Cumulative	Residential	Commercial	Industrial	Total Company
17	Cumulative over / (under) recovery Balance ending May 2009 _/2	47,830,080				
_/1	June	49,159,528	405,415	390,522	533,511	1,329,448
	July	54,300,018	1,872,165	1,548,042	1,720,283	5,140,490
	August	55,826,576	592,687	458,734	475,137	1,526,558
	September	62,728,713	2,231,657	2,020,534	2,649,946	6,902,137
	October					
	November					
	December					
	January					
	February					
	March					
	April					
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 May 2009 ending balance shown is net of GRT and further reflects the economic purchase adjustment for review period ended 5/31/2009 (pending commission's approval in Sept 2009).

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
September 2009

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month
Cost of Fuel Received (E)																
Coal (E)	$11,527,912	$46,628,672	$1,094,077			$9,390,021	$508,201	$2,007,185		$43,173,438				$3,718,762		$118,048,268
Fuel Oil	158,574	238,682	86,517	-		56,578	-	216,061	-	298,266		-		55,255	-	1,109,933
Gas			372	-			660	10,949	575,573			14,100		600	2,323,334	2,925,588
Total	$11,686,487	$46,867,354	$1,180,966	$0		$9,446,599	$508,861	$2,234,195	$575,573	$43,471,703		$14,100		$3,774,617	$2,323,334	$122,083,790
Received (¢/MBTU) Avg																
Coal	397.40	412.75	435.54			377.04	221.28	345.62		323.92				349.42		367.27
Fuel Oil	1,378.55	1,370.24	1,372.85	-		1,379.28	-	1,385.18	-	1,346.94		-		1,351.63	-	1,367.65
Gas			-	-			-	1,102.62	437.35			-		-	450.31	451.10
Weighted Average	401.27	414.22	458.62	-		378.68	221.57	374.02	437.35	325.61		-		353.31	450.31	371.38
Cost of Fuel Burned($) (D) (F)																
Coal (F)	$8,163,928	$49,224,507	$1,461,402			$10,526,475	$0	$611,651		$25,314,040				$518,841		$95,820,844
Fuel Oil	153,484	198,585	24,166	-		39,925	-	37,057	16,241	360,029		-		73,488	-	902,975
Gas			372	-			660	10,949	575,573			14,100		600	2,323,334	2,925,588
Nuclear					7,560,893						4,369,475		8,673,341			20,603,709
Total	$8,317,412	$49,423,092	$1,485,940	$0	$7,560,893	$10,566,400	$660	$659,657	$591,814	$25,674,069	$4,369,475	$14,100	$8,673,341	$592,929	$2,323,334	$120,253,116
Burned (¢/MBTU) Avg																
Coal	388.61	399.08	383.03			357.32	-	337.50		321.95				359.25		369.24
Fuel Oil	1,318.36	1,212.36	1,602.52	-		1,333.60	-	1,505.16	1,159.24	1,340.19		-		1,458.10	-	1,322.25
Gas			-	-			-	1,102.62	437.35			-		-	450.31	451.10
Nuclear					45.18						46.41		46.96			46.18
Weighted Average	393.74	400.16	387.93	-	45.18	358.31	-	357.18	444.96	325.42	46.41	-	46.96	396.70	450.31	168.70
Generated (¢/kWh) Avg																
Coal	3.93	3.75	4.66			3.65	(B)	3.77		3.07				4.22		3.55
Fuel Oil	-	-	(B)	(B)		-	(B)	(B)	15.92	-		(B)		(B)	-	(B)
Gas			-	-			-	(B)	5.98			-		-	4.92	5.15
Nuclear					0.46						0.48		0.48			0.47
Weighted Average	4.01	3.77	4.74	(B)	0.46	3.57	(B)	4.07	6.08	3.11	0.48	(B)	0.48	4.86	4.92	1.69
Burned MBTU's																
Coal	2,100,785	12,334,526	381,534			2,945,981	-	181,232		7,862,643				144,425		25,951,126
Fuel Oil	11,642	16,380	1,508	-		2,994	-	2,462	1,401	26,864		-		5,040	-	68,291
Gas			-	-			-	993	131,604			-		-	515,942	648,539
Nuclear					16,733,557						9,414,527		18,468,292			44,616,376
Total	2,112,427	12,350,906	383,042	-	16,733,557	2,948,975	-	184,687	133,005	7,889,507	9,414,527	-	18,468,292	149,465	515,942	71,284,332
Net Generation (mWh) (G)																
Coal (G)	207,524	1,312,430	31,372			296,230	(696)	16,217		824,660				12,284		2,700,021
Fuel Oil	-	-	(28)	(96)		-	(29)	(1)	102	-		(353)		(76)	-	(481)
Gas			-	-			-	(4)	9,625			-		-	47,179	56,800
Nuclear					1,658,645						902,375		1,790,760			4,351,780
Total	207,524	1,312,430	31,344	(96)	1,658,645	296,230	(725)	16,212	9,727	824,660	902,375	(353)	1,790,760	12,208	47,179	7,108,120
Cost of Reagents Burned ($)																
Ammonia		691,467				70,138				-						761,605
Limestone	95,134	437,323				285,312				379,984						912,441
Urea	164,670		4,792							13,591						468,365
Organic Acid	-	-				-				-						-
Total	259,804	1,128,790	4,792			355,450				393,575						2,142,411

(A) Detail amounts may not add to totals shown due to rounding.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.
(D) Cost of fuel burned excludes $53,562 associated with emission allowance expense for the month.
(E) Fuel received includes 1,806 tons and $75,325 associated with Biomass (wood product) test fuel at Buck & Lee for the month.
(F) Fuel burned includes 1,716 tons and $74,301 associated with Biomass (wood product) test burn at Buck & Lee for the month.
(G) Net generation (MWH) includes 1,405 MWH associated with the co-burn of Biomass (wood product) at Buck & Lee for the month.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
September 2009

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month
Coal Data:													
Beginning balance	619,641	1,526,433	234,178		398,101	97,941	198,832		877,259		279,371		4,231,757
Tons received during period (E)	120,879	461,334	10,592		99,803	9,857	24,279		532,932		44,785		1,304,461
Moisture adjustments	(3,611)	(3,301)	(362)		(267)	(210)	290		(1,841)		444		(8,859)
Tons burned during period (B) (F)	85,696	498,577	16,944		118,116	-	7,678		314,695		6,115		1,047,820
Ending balance	651,213	1,485,889	227,465		379,521	107,588	215,724		1,093,655		318,486		4,479,540
MBTUs per ton burned	24.51	24.74	22.52		24.94	-	23.60		24.99		23.62		24.77
Cost of ending inventory ($/ton)	95.80	98.94	89.87		89.18	80.26	81.39		80.58		84.74		90.41
Fuel Oil Data:													
Beginning balance	202,126	239,190	547,938	1,536,309	69,565	184,202	510,205	8,867,043	350,244	3,944,789	283,542	2,254,372	18,989,525
Gallons received during period	83,847	126,392	45,703	-	29,728	-	113,233	-	160,416	-	29,654	-	588,973
Miscellaneous usage, transfers and adjustments	(4,102)	(11,582)	(1,169)	-	(8,839)	(866)	(798)	-	(16,433)	-	(2,161)	-	(45,950)
Gallons burned during period	84,858	118,852	10,935	-	21,698	-	17,873	10,151	194,610	-	36,561	-	495,538
Ending balance	197,013	235,148	581,537	1,536,309	68,756	183,336	604,767	8,856,892	299,617	3,944,789	274,474	2,254,372	19,037,010
Cost of ending inventory ($/gal)	1.82	1.88	2.21	0.79	1.85	2.45	2.06	1.60	1.85	1.25	2.01	2.34	1.61
Gas Data: (C)													
Beginning balance													
MCF received during period			-	-		-	975	129,277		-	-	496,099	626,351
MCF burned during period			-	-		-	975	129,277		-	-	496,099	626,351
Ending balance													
Cost of ending inventory ($/mcf)													
Limestone Data:													
Beginning balance	18,028	40,547							30,896				89,471
Tons received during period	-	13,883							26,676				40,559
Tons burned during period	2,854	16,031							14,377				33,262
Ending balance	15,174	38,399							43,195				96,768
Cost of ending inventory ($/ton)	33.33	27.28							26.43				27.85

(A) Detail amounts may not add to totals shown due to rounding.
(B) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal. Adjustments as needed are made in December of each year.
(C) Gas is burned as received; therefore, inventory balances are not maintained.
(E) Fuel received includes 1,806 tons and $75,325 associated with Biomass (wood product) test fuel at Buck & Lee for the month.
(F) Fuel burned includes 1,716 tons and $74,301 associated with Biomass (wood product) test burn at Buck & Lee for the month.

Exhibit A
Schedule 6

SCHEDULE 7

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
September 2009

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	$ -	$ -
	CONTRACT	120,879	11,118,333.85	91.98
	ADJUSTMENTS	-	409,578.30	-
	TOTAL	120,879	11,527,912.15	95.37
BELEWS CREEK	SPOT	-	-	-
	CONTRACT	461,334	45,088,840.04	97.74
	ADJUSTMENTS	-	1,539,832.18	-
	TOTAL	461,334	46,628,672.22	101.07
BUCK	SPOT	-	-	-
	CONTRACT	9,417	960,346.58	101.98
	ADJUSTMENTS	-	72,922.73	-
	TOTAL	9,417	1,033,269.31	109.73
CLIFFSIDE	SPOT	-	-	-
	CONTRACT	99,803	8,822,841.23	84.40
	ADJUSTMENTS	-	567,179.34	-
	TOTAL	99,803	9,390,020.57	94.09
DAN RIVER	SPOT	-	-	-
	CONTRACT	9,857	580,181.77	58.86
	ADJUSTMENTS	-	(71,980.42)	-
	TOTAL	9,857	508,201.35	51.56
LEE	SPOT	-	-	-
	CONTRACT	23,648	1,884,917.26	79.71
	ADJUSTMENTS	-	107,750.81	-
	TOTAL	23,648	1,992,668.07	84.26
MARSHALL	SPOT	-	-	-
	CONTRACT	532,932	40,958,643.81	76.86
	ADJUSTMENTS	-	2,214,793.86	-
	TOTAL	532,932	43,173,437.67	81.01
RIVERBEND	SPOT	-	-	-
	CONTRACT	44,785	3,622,740.40	80.89
	ADJUSTMENTS	-	96,021.66	-
	TOTAL	44,785	3,718,762.06	83.04
ALL PLANTS	SPOT	-	-	-
	CONTRACT	1,302,655	113,036,844.94	86.77
	ADJUSTMENTS	-	4,936,098.46	-
	TOTAL	1,302,655	$ 117,972,943.40	$ 90.56

SCHEDULE 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
September 2009

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	6.68	12.61	11,999.00	0.92
Belews Creek	6.30	11.49	12,244.00	1.00
Buck	6.57	13.13	11,858.00	0.70
Cliffside	6.24	10.24	12,477.00	1.02
Dan River	6.32	16.48	11,650.00	0.92
Lee	6.96	12.11	11,960.00	1.14
Marshall	6.44	10.59	12,505.00	1.69
Riverbend	6.60	13.09	11,882.00	1.11

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
September 2009

Station	Allen	Belews Creek	Buck	Cliffside 5	Lee	Marshall	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0.02	0.03	0.03	0	0	0.04	0.03
Gallons Received	83,847	126,392	45,703	29,728	113,233	160,416	29,654
Total Delivered Cost	$ 158,574.38	$ 238,682.24	$ 86,517.26	$ 56,578.11	$ 216,060.87	$ 298,265.76	$ 55,254.74
Delivered Cost/Gal	$ 1.8912	$ 1.8884	$ 1.8930	$ 1.9032	$ 1.9081	$ 1.8593	$ 1.8633
BTU/Gallon	137,196	137,816	137,899	137,979	137,749	138,041	137,855

Exhibit A
Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

October,2008 - September,2009

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,928,459	2,538	94.13	92.11
McGuire	18,094,413	2,200	93.89	90.37
Catawba	19,055,470	2,258	96.34	93.93

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
October 2008 through September 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,265,778	1,110	74.72	83.03
Belews Creek 2	7,821,624	1,110	80.44	91.61

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
October 2008 through September 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	3,325,703	562	67.55	90.67
Marshall 1	1,958,376	380	58.83	86.98
Marshall 2	1,798,943	380	54.04	87.82
Marshall 3	3,729,236	658	64.70	70.61
Marshall 4	4,227,825	660	73.13	84.51

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
October 2008through September 2009
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	377,383	165	26.11	87.70
Allen 2	393,027	165	27.19	94.80
Allen 3	1,135,555	265	48.92	91.16
Allen 4	1,263,482	280	51.51	87.05
Allen 5	1,212,140	270	51.25	90.49
Buck 3	15,197	75	2.31	98.66
Buck 4	4,901	38	1.47	97.75
Buck 5	208,934	128	18.63	92.70
Buck 6	273,584	128	24.40	83.06
Cliffside 1	5,441	38	1.63	98.01
Cliffside 2	8,007	38	2.41	98.64
Cliffside 3	27,135	61	5.08	94.76
Cliffside 4	29,880	61	5.59	99.06
Dan River 1	24,449	67	4.17	95.69
Dan River 2	31,936	67	5.44	95.00
Dan River 3	174,480	142	14.03	92.19
Lee 1	68,549	100	7.83	88.32
Lee 2	104,069	100	11.88	95.34
Lee 3	347,222	170	23.32	94.17
Riverbend 4	72,165	94	8.76	94.89
Riverbend 5	74,904	94	9.10	94.25
Riverbend 6	217,057	133	18.63	89.86
Riverbend 7	242,127	133	20.78	90.74

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
October,2008 through September,2009
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-381	93	100.00
Buzzard Roost CT	-1,364	196	100.00
Dan River CT	-444	85	74.69
Lee CT	921	82	98.85
Lincoln CT	5,055	1,264	97.69
Mill Creek CT	386	592	98.32
Riverbend CT	-1,074	120	74.30
Rockingham CT	120,333	825	94.55

Duke Energy Carolinas

Power Plant Performance

12 Months Ended September 09

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	46,421	23.000	96.00
Buzzard Roost	-	-	100.00
Cedar Creek	113,995	45.000	95.35
Cowans Ford	126,449	325.000	97.15
Dearborn	139,933	42.000	99.29
Fishing Creek	124,099	49.000	97.34
Gaston Shoals	15,846	4.600	66.29
Great Falls	1,479	24.000	41.61
Keowee	33,726	157.500	93.88
Lookout Shoals	78,563	27.000	95.06
Mountain Island	89,598	62.000	97.71
Ninety Nine Island	50,595	18.000	62.70
Oxford	89,223	40.000	98.10
Rhodhiss	53,813	30.500	98.61
Rocky Creek	3,297	28.000	21.50
Tuxedo	13,327	6.400	61.71
Wateree	179,103	85.000	91.73
Wylie	120,542	72.000	96.64
Nantahala	233,212	50.000	74.69
Queens Creek	3,098	1.440	96.17
Thorpe	61,548	19.700	98.11
Tuckasegee	5,232	2.500	97.70
Tennessee Creek	31,478	9.800	95.96
Bear Creek	22,766	9.450	99.54
Cedar Cliff	16,505	6.380	99.62
Mission	495	1.800	83.09
Franklin	(8)	1.040	62.60
Bryson	568	1.040	86.94
Dillsboro	-	0.230	50.00
Total Conventional	1,654,902		
Pumped Storage Plants			
Jocasee	927,548	730.000	97.57
Bad Creek	2,032,987	1,360.000	94.68
Total	2,960,535		
Less Energy for Pumping			
Jocasee	(1,174,771)		
Bad Creek	(2,553,925)		
Total	(3,728,696)		
Total Pumped Storage			
Jocassee	(247,223)		
Bad Creek	(520,938)		
Total	(768,161)		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: September, 2009

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	09/02/2009-09/03/2009	40.95	SCHEDULED	REPAIR 1FDW-41 FEED WATER CONTROL VALVE	VALVE POSITIONER INTERNAL AIR LEAK	VALVE POSITIONER REPLACED
	2	None					
	3	None					
McGuire	1	None					
	2	09/05/2009-10/01/2009	616.98	SCHEDULED	END-OF-CYCLE 19 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
Catawba	1	None					
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2009

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	9/9/2009 1:04:00 AM To 9/10/2009 7:40:00 AM	Unsch	1080	ECONOMIZER LEAKS	economizer boiler tube leak	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	9/18/2009 9:20:00 PM To 9/20/2009 6:46:00 AM	Sch	1060	FIRST REHEATER LEAKS	2a sah bottom bearing replacement and boiler repair	

DUKE ENERGY-CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September,2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	720		720		720	
(C1) Net Gen (MWH) and Capacity Factor	559974	91.93	612950	100.63	617836	101.43
(D1) Net MWH Not Gen Due To Full Scheduled Outages	34644	5.69	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	10438	1.71	260	0.04	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	4064	0.67	-4090	-0.67	-8716	-1.43
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	609120	100.00 %	609120	100.00 %	609120	100.00 %
(I) Equivalent Availability		92.36		99.96		100.00
(J) Output Factor		97.48		100.63		101.43
(K) Heat Rate		10,459		10,286		10,208

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September, 2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	720		720	
(C1) Net Gen (MWH) and Capacity Factor	806015	101.77	96360	12.17
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	678678	85.69
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	16962	2.14
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-14015	-1.77	0	0.00
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	792000	100.00 %	792000	100.00 %
(I) Equivalent Availability		100.00		14.17
(J) Output Factor		101.77		85.03
(K) Heat Rate		10,389		10,803

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September, 2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	720		720	
(C1) Net Gen (MWH) and Capacity Factor	826771	101.71	831874	102.34
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-13891	-1.71	-18994	-2.34
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	812880	100.00 %	812880	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		101.71		102.34
(K) Heat Rate		10,118		10,060

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2009

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	720	720
(C1) Net Generation (mWh)	731,161	581,269
(C1) Capacity Factor	91.49	72.73
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	37,111
(D1) Scheduled Outages: percent of Period Hrs	0.00	4.64
(D2) Net mWh Not Generated due to Partial Scheduled Outages	4,620	4,396
(D2) Scheduled Derates: percent of Period Hrs	0.58	0.55
(E1) Net mWh Not Generated due to Full Forced Outages	0	33,966
(E1) Forced Outages: percent of Period Hrs	0.00	4.25
(E2) Net mWh Not Generated due to Partial Forced Outages	0	270
(E2) Forced Derates: percent of Period Hrs	0.00	0.03
(F) Net mWh Not Generated due to Economic Dispatch	63,419	142,189
(F) Economic Dispatch: percent of Period Hrs	7.94	17.79
(G) Net mWh Possible in Period	799,200	799,200
(H) Equivalent Availability	99.42	90.52
(I) Output Factor (%)	91.49	82.63
(J) Heat Rate (BTU/NkWh)	9,217	9,654

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2009
Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	720	720	720	720
(C1) Net Generation (mWh)	149,069	114,913	238,990	321,688
(D) Net mWh Possible in Period	273,600	273,600	473,760	475,200
(E) Equivalent Availability	86.15	81.99	59.37	80.93
(F) Output Factor (%)	78.95	72.48	84.42	83.15
(G) Capacity Factor	54.48	42.00	50.45	67.70

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2009
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	720
(C1)	Net Generation (mWh)	296,930
(D)	Net mWh Possible in Period	404,640
(E)	Equivalent Availability	99.24
(F)	Output Factor (%)	79.79
(G)	Capacity Factor	73.38

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
October,2008 - September,2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	7466482	100.75	6556294	88.47	6905683	93.18
(D1) Net MWH Not Gen Due To Full Scheduled Outages	34644	0.47	873115	11.78	541863	7.31
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	11366	0.15	20569	0.28	-3167	-0.04
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	121274	1.64	122204	1.65
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-101532	-1.37	-160292	-2.17	-155623	-2.10
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		99.35		86.18		90.80
(J) Output Factor		101.22		102.18		102.35
(K) Heat Rate		10,201		10,101		10,110

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
October,2008 - September,2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8773059	91.04	9321354	96.73
(D1) Net MWH Not Gen Due To Full Scheduled Outages	614900	6.38	678678	7.04
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	34316	0.36	28609	0.30
(E1) Net MWH Not Gen Due To Full Forced Outages	521070	5.41	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-307345	-3.19	-392641	-4.07
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		87.80		92.94
(J) Output Factor		103.21		104.06
(K) Heat Rate		10,194		10,123

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
October,2008 - September,2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	10135189	102.48	8920281	90.19
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	1113149	11.26
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	620	0.01	42972	0.43
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	45702	0.46
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-245769	-2.49	-232064	-2.34
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		99.93		87.92
(J) Output Factor		102.48		102.17
(K) Heat Rate		10,035		10,017

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

NCUC Rule R8-53 (C) (2) (3)

October 2008 through September 2009

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	7,265,778	7,821,624
(C1) Capacity Factor	74.72	80.44
(D1) Net mWh Not Generated due to Full Scheduled Outages	1,473,155	264,975
(D1) Scheduled Outages: percent of Period Hrs	15.15	2.73
(D2) Net mWh Not Generated due to Partial Scheduled Outages	63,449	10,735
(D2) Scheduled Derates: percent of Period Hrs	0.45	0.11
(E1) Net mWh Not Generated due to Full Forced Outages	87,319	528,768
(E1) Forced Outages: percent of Period Hrs	0.90	5.44
(E2) Net mWh Not Generated due to Partial Forced Outages	17,304	11,439
(E2) Forced Derates: percent of Period Hrs	0.18	0.12
(F) Net mWh Not Generated due to Economic Dispatch	816,595	1,086,059
(F) Economic Dispatch: percent of Period Hrs	8.40	11.17
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	83.03	91.61
(I) Output Factor (%)	91.12	89.11
(J) Heat Rate (BTU/NkWh)	9,261	9,284

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

NCUC Rule R8-53 (C) (2)

October 2008 through September 2009

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	659	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	1,958,376	1,798,943	3,729,236	4,227,825
(D) Net mWh Possible in Period	3,332,520	3,332,520	5,773,008	5,789,040
(E) Equivalent Availability	86.98	87.82	70.61	84.51
(F) Output Factor (%)	78.37	76.52	89.79	86.18
(G) Capacity Factor	58.83	54.04	64.70	73.13

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

NCUC Rule R8-53 (C) (2)

October 2008 through September 2009

Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	8,760
(C1)	Net Generation (mWh)	3,325,703
(D)	Net mWh Possible in Period	4,923,120
(E)	Equivalent Availability	90.67
(F)	Output Factor (%)	81.29
(G)	Capacity Factor	67.55

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

September,2009

	Unit	MW	Full Outage Hours		
			Scheduled	Unscheduled	Total
Oconee	1	846	40.95	0.00	40.95
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	616.98	0.00	616.98
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

September 2009

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	165	0.00	0.00	0.00
Allen 2	165	10.50	0.00	10.50
Allen 3	265	0.00	0.00	0.00
Allen 4	280	0.00	69.93	69.93
Allen 5	270	14.50	0.00	14.50
Belews Creek 1	1,110	0.00	0.00	0.00
Belews Creek 2	1,110	33.43	30.60	64.03
Buck 5	128	0.00	0.00	0.00
Buck 6	128	0.00	3.73	3.73
Cliffside 5	562	0.00	0.00	0.00
Dan River 3	142	0.00	0.00	0.00
Lee 1	100	96.00	0.00	96.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	50.50	0.00	50.50
Marshall 1	380	99.23	0.00	99.23
Marshall 2	380	119.80	0.00	119.80
Marshall 3	658	289.78	0.00	289.78
Marshall 4	660	0.00	133.80	133.80
Riverbend 6	133	5.00	2.05	7.05
Riverbend 7	133	85.50	0.00	85.50
Rockingham CT1	165	6.40	0.00	6.40
Rockingham CT2	165	0.00	0.00	0.00
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	0.00	0.00	0.00
Rockingham CT5	165	8.40	0.00	8.40